

666080" 0/20/E60

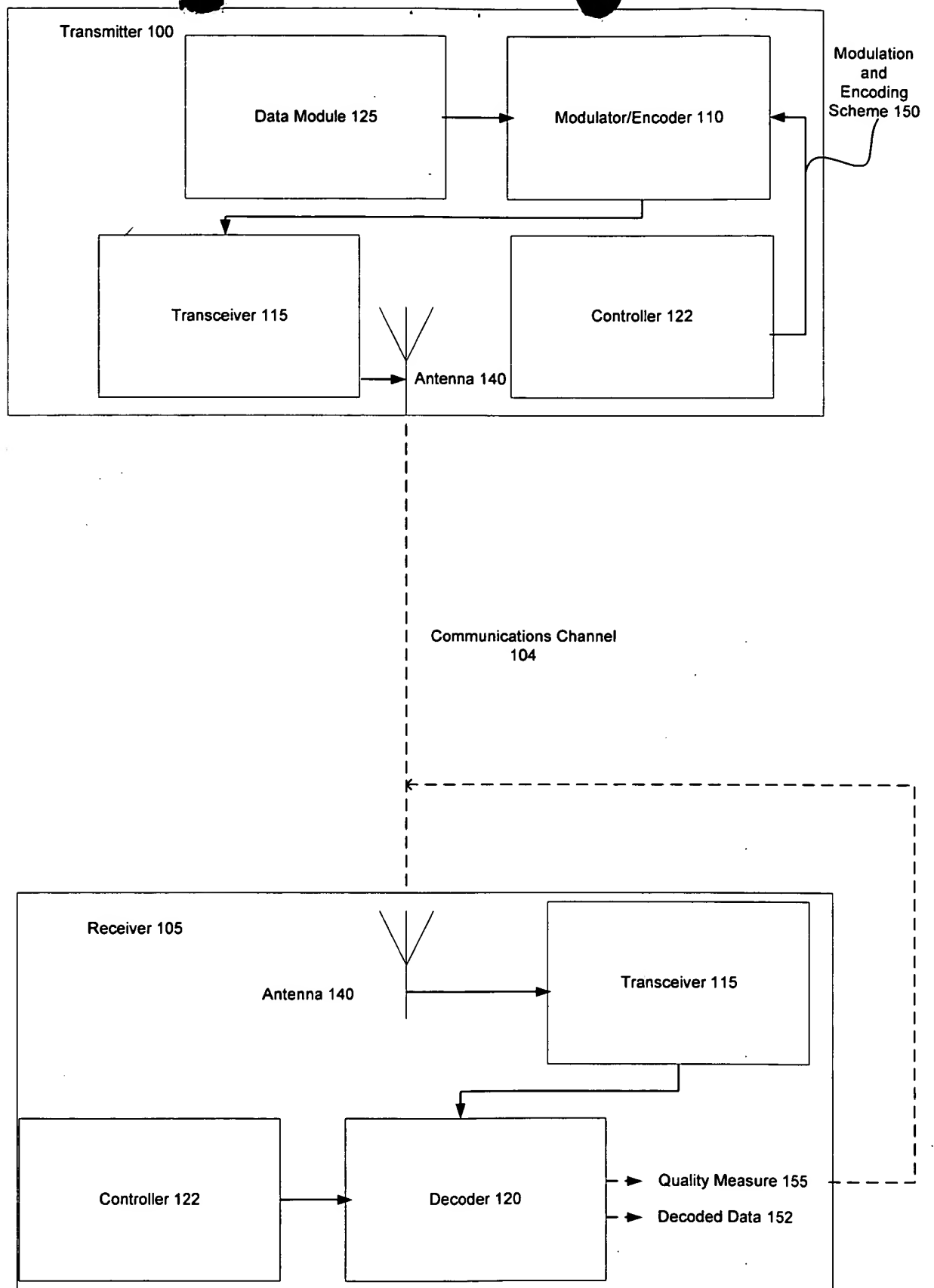


FIG. 1

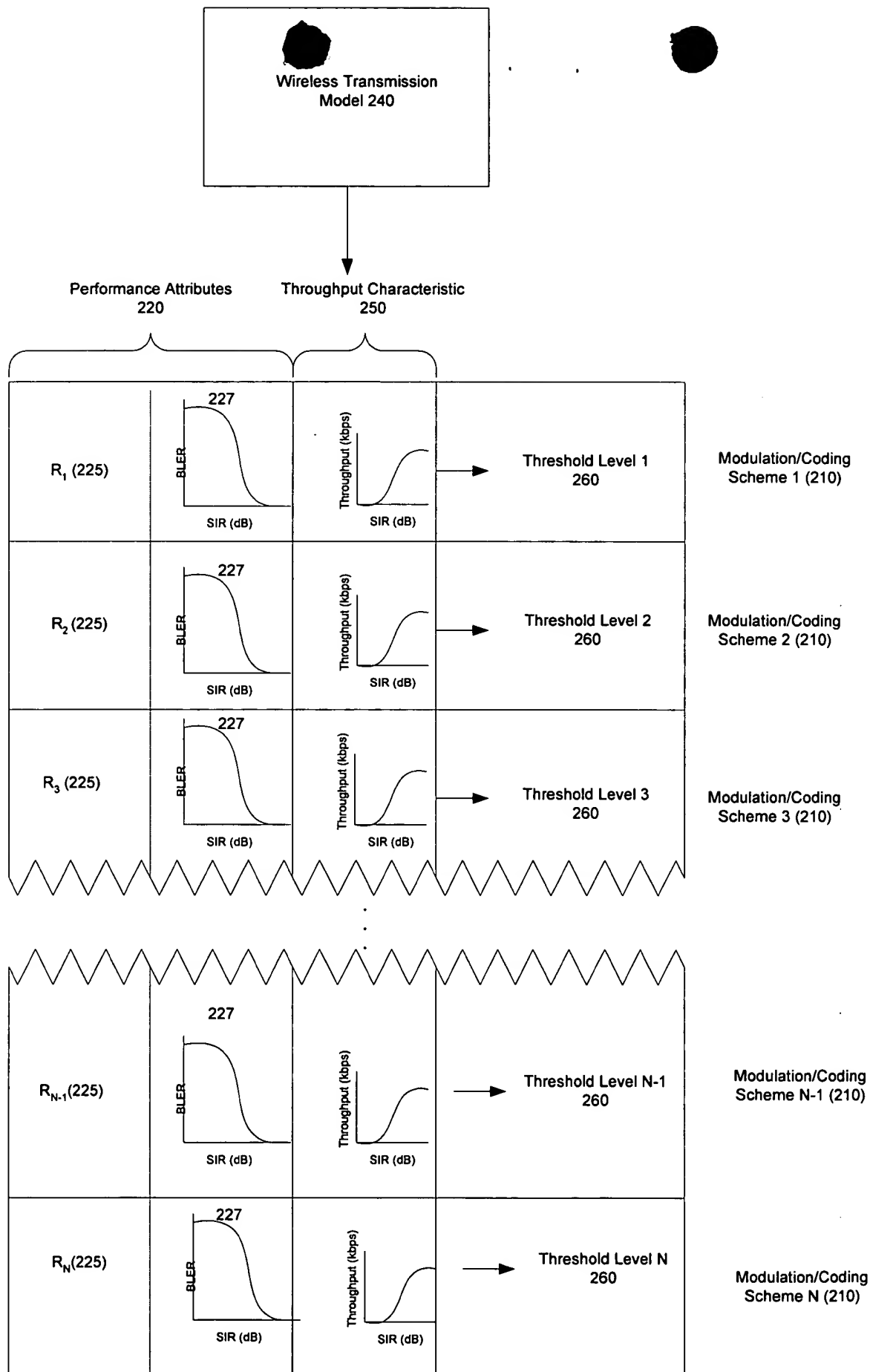


FIG. 2

0937070 0202E60

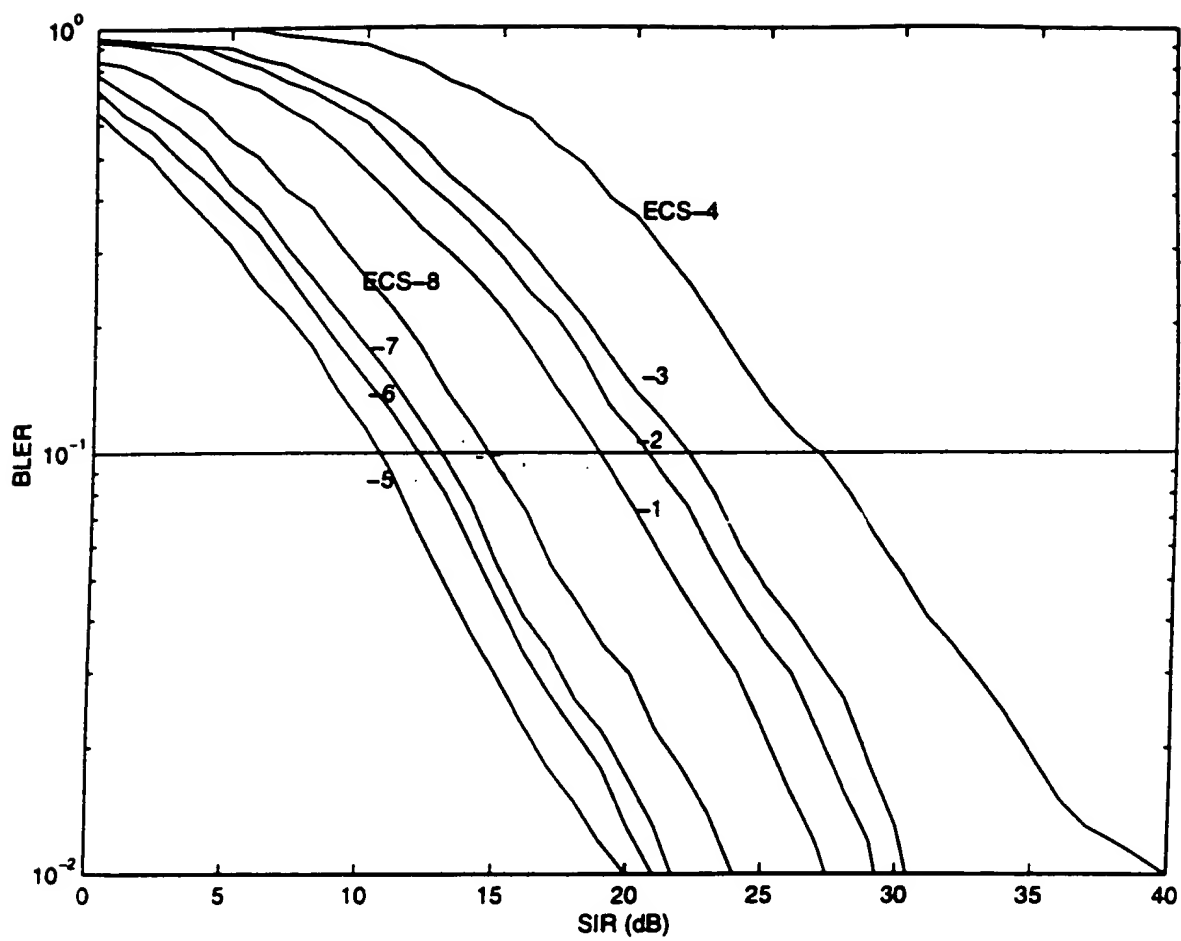


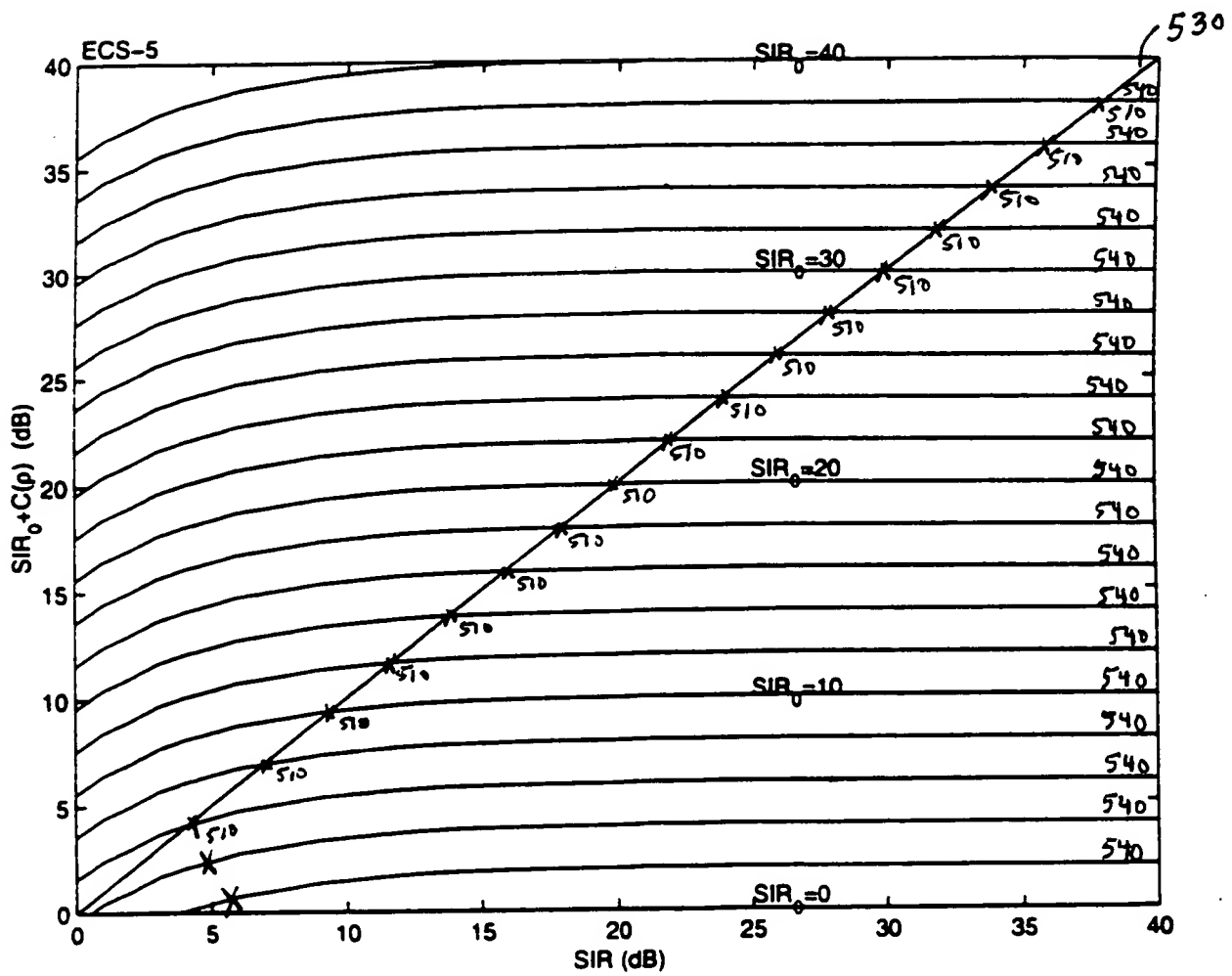
Fig. 3

Figure 10 is a line graph showing Throughput (kbps) on the Y-axis (ranging from 0 to 70) versus SIR_0 (dB) on the X-axis (ranging from 0 to 40). The graph displays eight curves representing different ECS configurations, labeled ECS-1 through ECS-8. The curves show that throughput generally increases with SIR_0 and then plateaus. ECS-4 achieves the highest throughput, reaching approximately 63 kbps at 40 dB. ECS-3 and ECS-2 follow, reaching approximately 47 kbps and 40 kbps respectively. ECS-1, ECS-8, ECS-7, ECS-6, and ECS-5 show progressively lower throughput values, with ECS-5 having the lowest throughput, reaching approximately 10 kbps at 40 dB.

SIR_0 (dB)	ECS-4	ECS-3	ECS-2	ECS-1	ECS-8	ECS-7	ECS-6	ECS-5
0	5	5	5	5	5	5	5	5
5	10	10	10	10	10	10	10	10
10	20	20	20	20	20	20	20	20
15	35	35	35	35	35	35	35	35
20	50	45	40	35	30	25	20	15
25	60	47	40	32	22	16	11	10
30	63	47	40	32	22	16	11	10
35	63	47	40	32	22	16	11	10
40	63	47	40	32	22	16	11	10

Fig. 4

666080" 0/002E60



ECS-5

FIG. 5

666080" 0/20/60

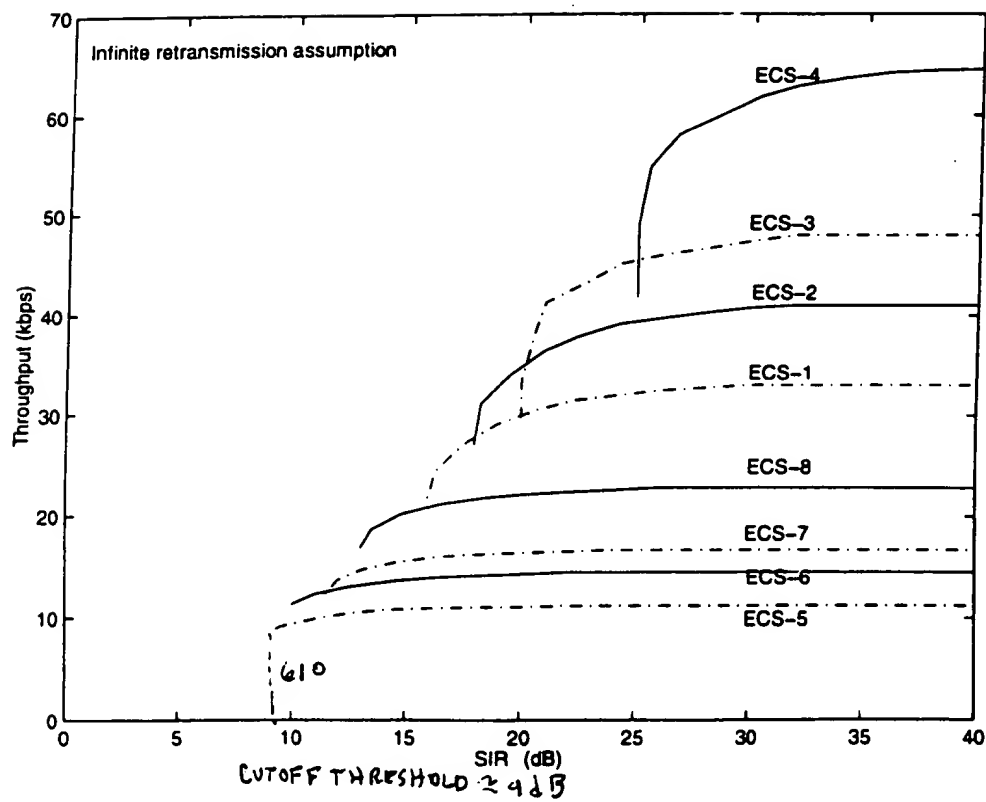
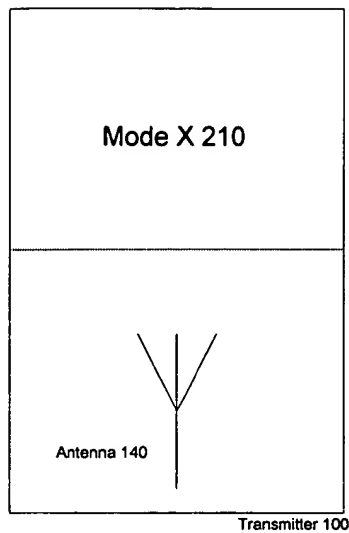


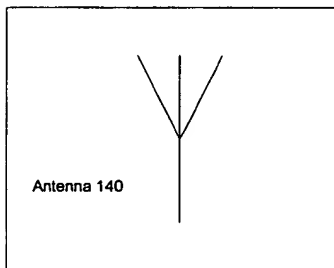
FIG. 6

665080" 0/20/E60



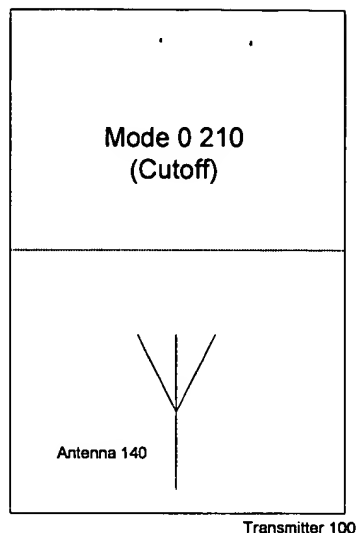
Transmission

Receiver 105



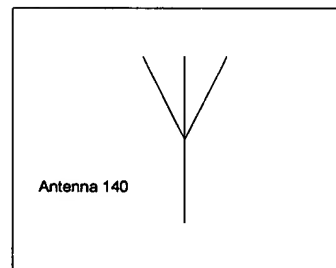
SIR > Cutoff Threshold

Time 710



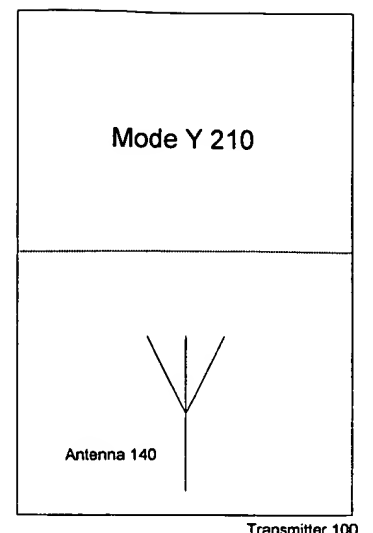
No Transmission

Receiver 105



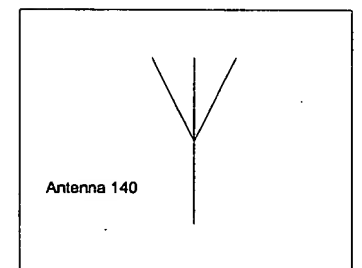
SIR < Cutoff Threshold

Time 720



Transmission

Receiver 105



SIR > Cutoff Threshold

Time 730

Time →

FIG. 7

0937070.080999

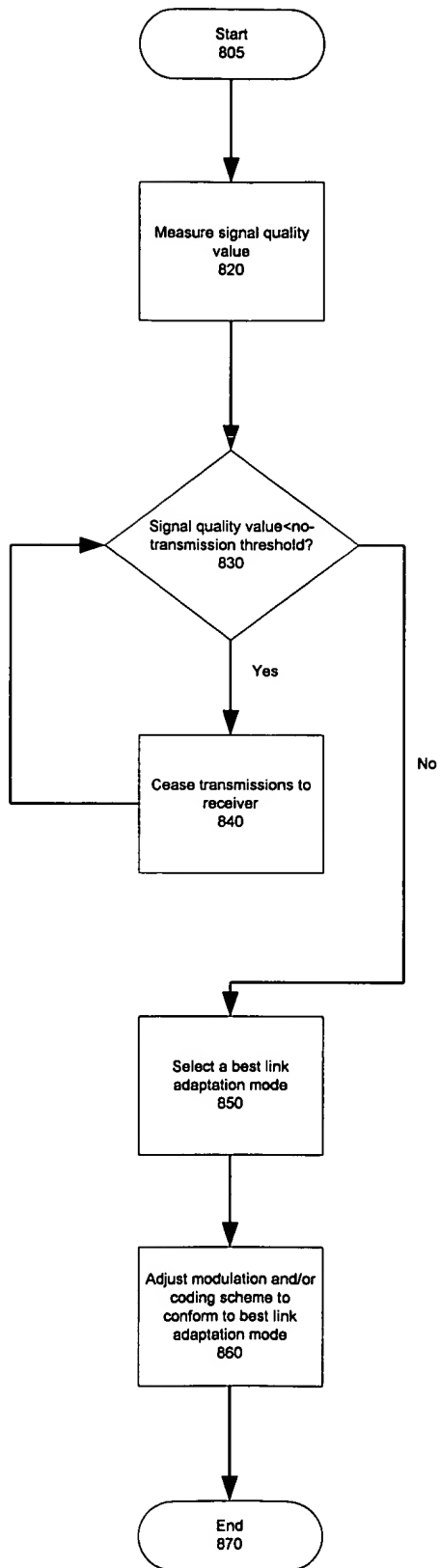


FIG. 8